National Weather Service
Southeast River Forecast Center

Daily Operational Support Message

issued

Wednesday, October 5th , 2016

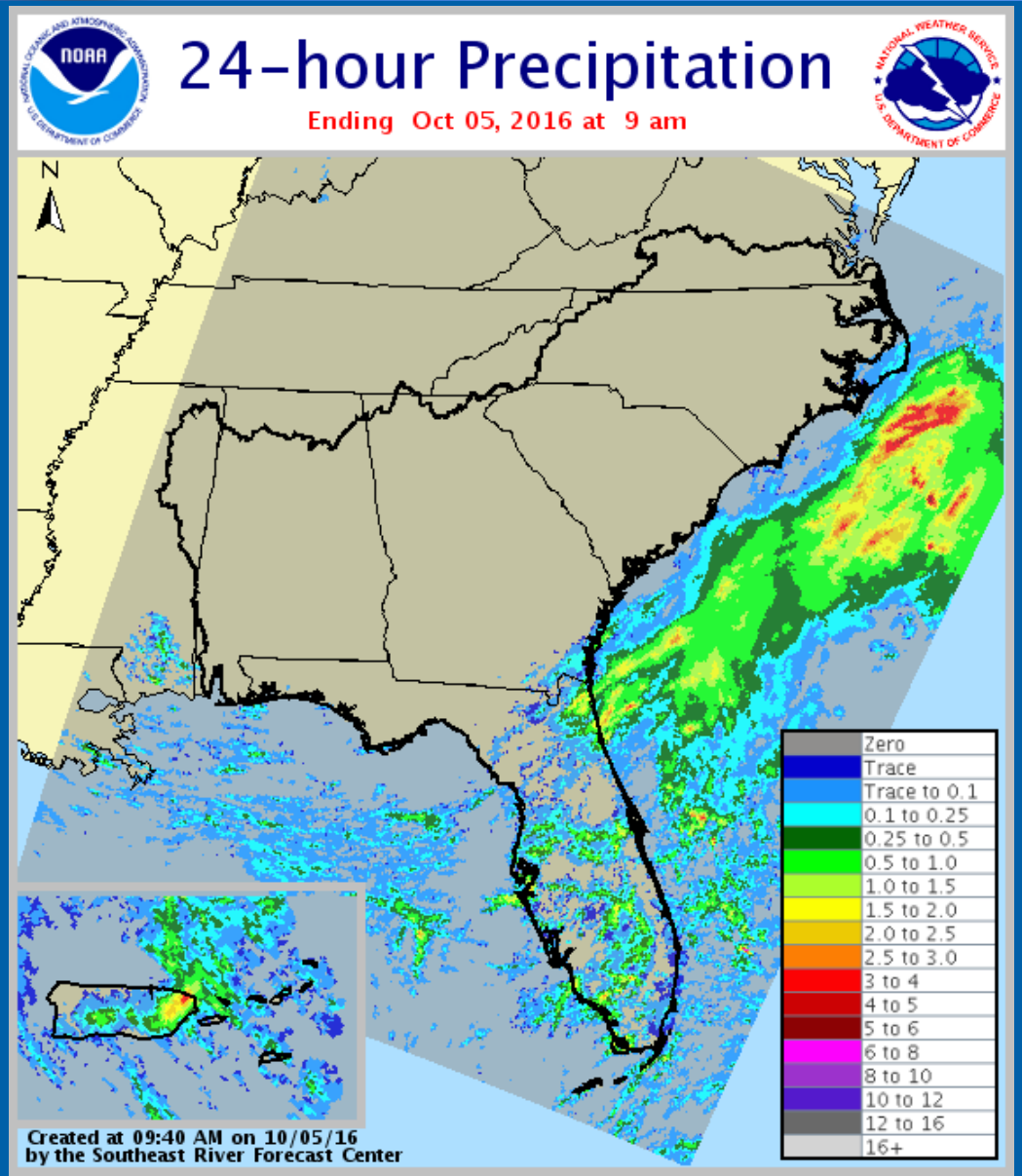
for

Florida, Georgia, South Carolina,
and North Carolina, Virginia

Key Points

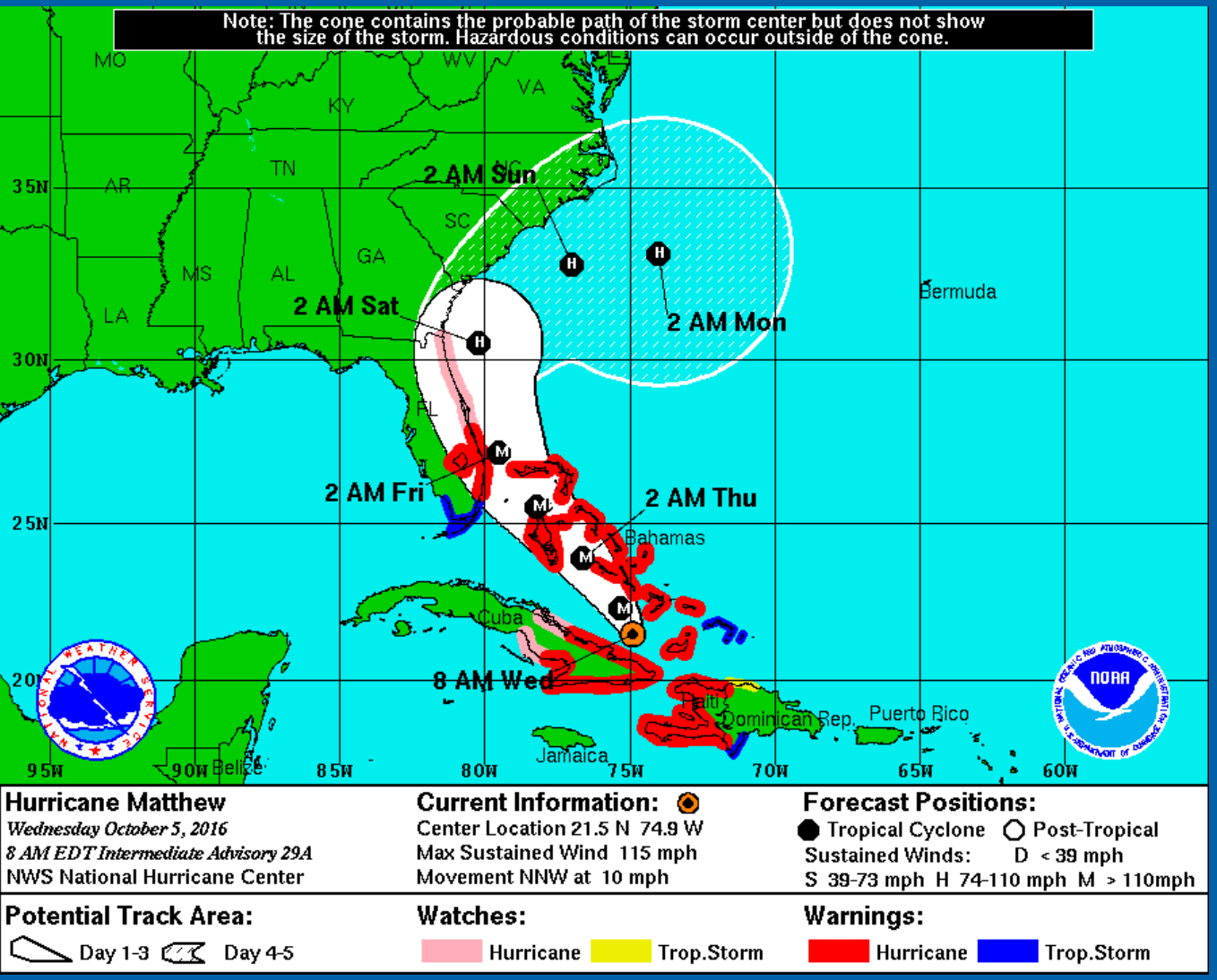
- Hurricane Matthew continues to move towards the Florida Atlantic coast.
- While the National Hurricane Center has been very consistent the last few days for Hurricane Matthew, the location of the heavy rainfall is still something that needs to be closely monitored.
- All states up through Virginia need to continue to monitor the track and rainfall forecast for adjustments that may change the focus of Matthews impacts.

Past precipitation



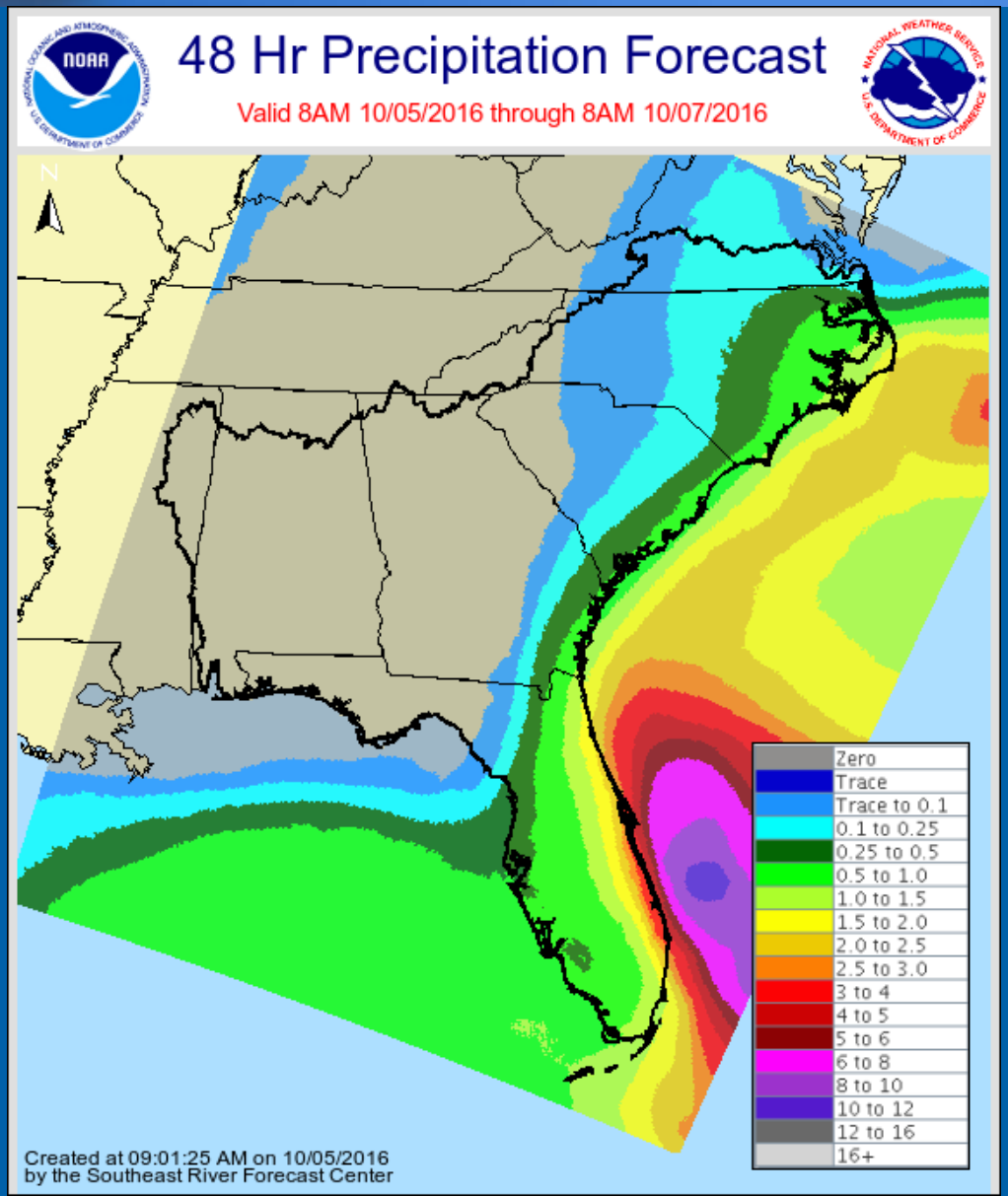
- Rainfall in Florida has been typical during the last 24 hours ahead of Hurricane Matthew.
- Some higher amounts have been indicated near Jacksonville, FL.
- For those using the Powerpoint, this graphic is dynamic and will update on opening. It is a running 24 hour total.

Current Tropical Outlook



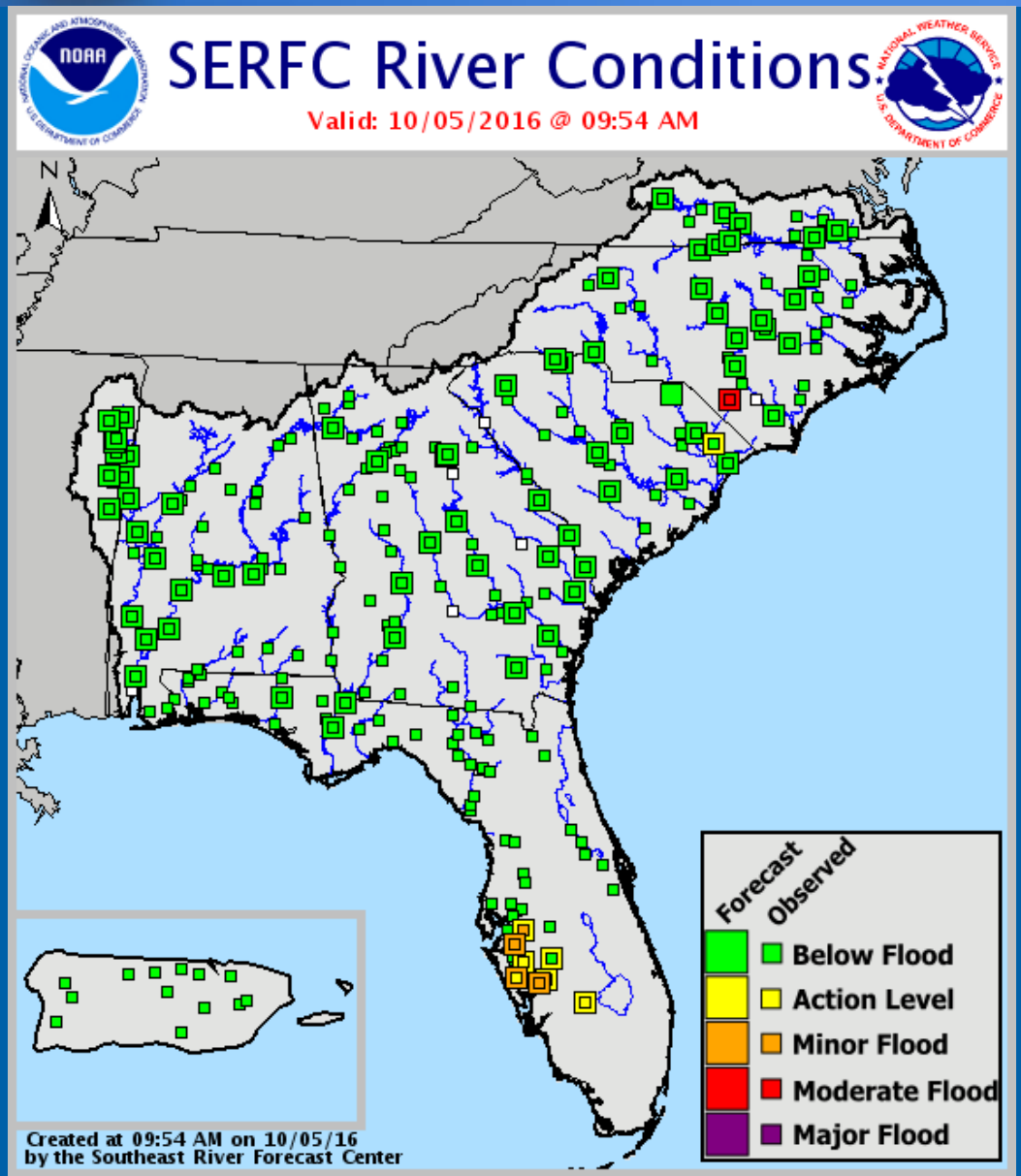
- The National Hurricane center has been very consistent with the track of Hurricane Matthew up the east coast of Florida.
- There has been an adjustment to the day 4 and 5 forecast that keeps the biggest impacts out of the Carolinas. Please continue to monitor these forecasts for adjustments that might impact your area.

48-hr Precipitation Forecast



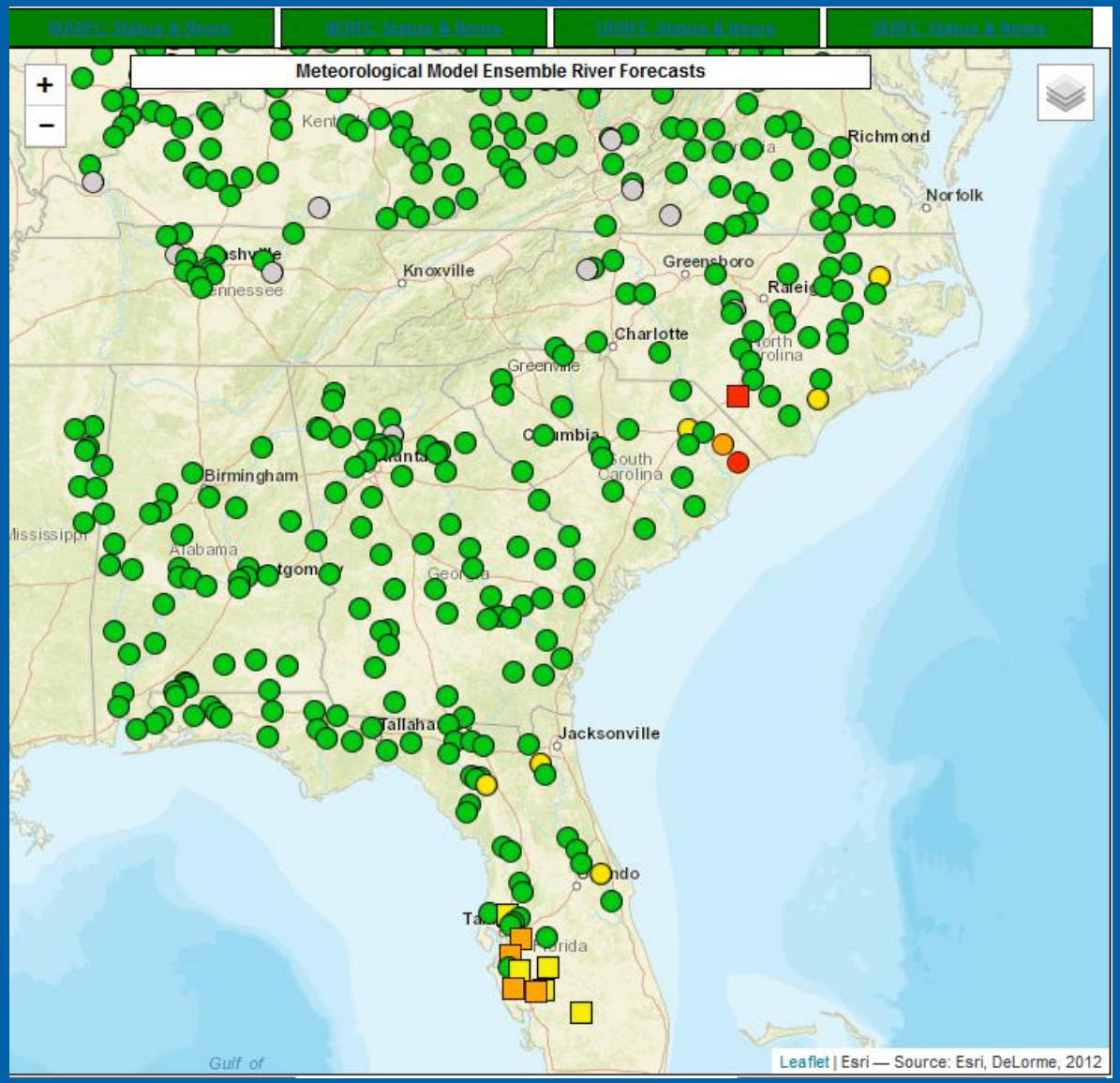
- 48-hour rainfall forecast beginning 8 am today through 8 am Friday.
- The gradient between the heaviest rainfall and ½ to 1 inch is very steep. A very minor shift to the west could bring that heavier rainfall further inland.
- A reminder to everyone that this forecasted rainfall is included in our deterministic river forecasts that you can find at our web site.

Current River Status



- The most recent Hurricane Matthew forecast means less rain for some of the most vulnerable areas in North Carolina and Virginia. Please continue to monitor forecasts until it is no longer a threat to the area.
- Visit your local weather forecast office for further updates and impact statements.

Meteorological Model Ensemble Forecast System



- The models are forecasting Hurricane Matthew to head out to sea after grazing the Florida, Georgia, and South Carolina coast and therefore, the flood forecasts we saw in this product yesterday are no longer there.
- There is still potential for flooding, especially along the coast…please stay informed in the coming days

SERFC Operational Status

- SERFC will remain on normal operating hours.
- Our normal office hours are 6am-11pm 7-days a week.
- Today's morning forecasts are available at: http://weather.gov/serfc
- Please send all operational correspondence to sr-alr.rivers@noaa.gov or call the office directly.

Helpful Bookmarks

- Monitor the NWS weather radar:
  http://radar.weather.gov/Conus/southeast.php

- SERFC Quick Briefing Page:
  http://www.weather.gov/serfc/?n=quickbrief
- NWS National 5-day rainfall forecasts
  http://www.wpc.ncep.noaa.gov/qpf/qpf2.shtml
- NWS Meteorological Model Ensemble 7-day probabilistic river forecasts
  http://www.weather.gov/erh/MMEFS

About this Briefing

- *This product has set the stage for the upcoming event. The Daily Operational Support Message will continue tomorrow to update you on current conditions and changes to the forecast.*

- *These slides are intended for your use. Please feel free to share these with others. If you have any questions please email sr-alr.rivers@noaa.gov or contact your local NWS Weather Forecast Office.*

- *Remember: SERFC briefings cover freshwater flooding. For information on coastal and tidal flooding, flash floods, winds, and severe weather risks, please contact your local Weather Forecast Office.*